# 163654

**Estimate and Certification for Payment** 

Company Name:

Conrad Construction Co., Ltd.

Address:

P.O. Box 841134, Houston, Texas 77284

ams Rec 470408

Phone #:	(713)937-3081	Ludwig L	ane	- Reconstructi	on			
Owner Address:	Fort Bend County 301 Jackson			P.O. N	o: obility Project #		163654	
	Richmond, Texas	77469		1 20 1	obility i roject #	*****************	13208	
Attention: Invoice No: Start Date: Current Cont Estimate Cut Date of Estim		3/9/201 10/31/201	8	Initial Contract T Current Approve Previous Approv Total Contract T Spent Days Days Remaining	ed Extensions red Extenstions ime		300 days 0 days 300 days 300 days 171 days 129 days	57%
A. Contr	1. Contract Price: 2. Approved Change	AMERICAN AND AND AND AND AND AND AND AND AND A		\$ \$ \$	-	\$	1,815,430.50	
	Total Changes to D	ate:				\$	-	
				Total Contract A	mount:	\$	1,815,430.50	
B. Earnii	ngs to Date:  1. Previous Work Con 2. Work Completed th 3. Work Completed to 4. Materials On Site:	is Period:	29% 11% 40%	Earning	s Earnings: s this Period:	\$ \$	523,681.35 \ 199,978.00	haw son
				Total Earnings:		\$	723,659.35	
C. Redu	ctions: 1. Retainage:	10%	6 of		723,659.35 ayments Due: evious Payments:	\$ \$ \$	72,365.94 651,293.41 471,313.21	
		Total Amount Due	Con	tractor This Estim	ate/Invoice:	\$	179,980.20	abenda
The undersigned accordance with	Contractor certifies that to the b	nest of his knowledge, id the current payment	informa shown	ation and belief that the	ne Work has has been r Payment is now due.	completed		9
Prepared By:	Jan	ul		Date:	11/13/2018			
The foregoing est	Contractor imate of work completed is true	and correct to the bes	it of my	y knowledge and belie	f.			

Date:

Engineer

Project Representative

Approved By:

Approved By:

PAY ESTIM	ATE#	5		
PROJECT:	Ludwig	LANE	_	Autonstructions
PROJECT #	18-	043		

## CONTRACTOR'S AFFIDAVIT AND RELEASE

STATE OF TEXAS
COUNTY OF HARRIS

For and in consideration of the sum of \$ 179,980.20 , representing payment under the above-referenced contract for all labor, materials and/or services furnished by the undersigned for the labor of th

Firm: Conrad Construction Co., Ltd.

Title: Vice heridat

Signed and sworn to before me a Notary Public in and for HALLS County, Toyas this 5th

Day of November, 2018.

Date: 11.5, 18

JAMES R. BOLIN
Notary Public, State of Texas
Comm. Expires 05-20-2020
Notary ID 10530801

James R. Bolin

## CONRAD CONSTRUCTION CO., LTD.

General Contractor P.O. Box 841134 HOUSTON, TEXAS 77284

4220

(713) 937-3081 FAX (713) 937-1172

FORT BEND COUNTY

ENGINEERING & CONSTRUCTION

301 JACKSON , 4TH FLOOR
RICHMOND, TEXAS 77469

COCTOBER 31,2018

CUSTOMER ORDER NO.

ESTIMATE #5

SALESPERSON
LUDWIG LANE - RECONSTRUCTION

VIA
BID NO.18-043 , CC #18/0312

TERMS: ATTN: STACY SLAWINSKI, P.E. - ASST. COUNTY ENGINEER

P.O.#163654

QUANTITY	DESCRIPTION	PRICE	AMOU	NT
	TOTAL WORK TO DATE		723,659	35_
	LESS RETAINAGE	72,365.94		
	LESS PREVIOUS BILLINGS	471,313.21		
	TOTAL DUE THIS ESTIMATE		179,980	20

Thank You!

ME OFFER NO OBJECTION
TO THE PAY ITEM
TO THE PAY ITEM
QUANTITIES AND THIS
PAY ESTIMATE.

FROM: CONRAD CONSTRUCTION CO., LTD.

P.O. BOX 841134

HOUSTON, TEXAS 77284

TO:

FORT BEND COUNTY

**ENGINEERING DEPARTMENT** 301 JACKSON, 4TH FLOOR

**RICHMOND, TEXAS 77469** 

ATTN:

STACY SLAWINSKI, P.E. - ASST. COUNTY ENGINEER

REF:

LUDWIG LANE - RECONSTRUCTION - FBC NO. 13208 PROJ #: BID #18-043 , CC # 18/0312 , P.O. # 163654

DATE: 10/31/2018

ESTIMATE #: 5

		VIII MARKANIA INC.	THIS	PREVIOUS	WORK TO		UNIT		WORK
DESCRIPTION	QUANTITY	UNIT	ESTIMATE	ESTIMATE	DATE	%	PRICE		TO DATE
GENERAL ITEMS									
1. PROJECT SIGN, C.I.P.	2.00	EA		2.00	2.00	100%	\$ 900.00	\$	1,800.00
2. CLEARING & GRUBBING, PREPARE ROW AS PER PLANS INCLUDING CLEAN UP AND MAINTENANCE	1.00	LS	0.10	0.55	0.65	65%	\$ 210,000.00	\$	136,500.00
3. REMOVING OLD CONCRETE PAVEME (ALL DEPTHS, INCLUDE. ALL SAWCUTS)		SY		109.88	109.88	48%	\$ 10.00	\$	1,098.80
4. REMOVING OLD CONCRETE, 6" REINF CONCRETE CURB (REMOVAL AND DISPOSAL)	118.00	LF			0.00	0%	\$ 5.00	69	ш.
5. REMOVING OLD CONCRETE (DRIVEW (ALL DEPTHS INCLUDE. ALL SAWCUTS)		SY			0.00	0%	\$ 7.50	\$	_
6. REMOVING OLD CONCRETE (SLOPE PAVING) (ALL DEPTHS, INCLUDE. ALL SAWCUTS)	45.00	SY			0.00	0%	\$ 15.00	69	-
7. ROAD EXCAVATION INCLUDING 3" OF TOP SOIL STRIPPING, DISPOSE OF OFF-SITE	2959.00	CY			0.00	0%	\$ 12.00	69	-
8. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (18" - 36")	785.00	LF			0.00	0%	\$ 12.00	\$	-
9. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (2" - 16")	84.00	LF			0.00	0%	\$ 12.00	\$	
10. REMOVING OLD STRUCTURES - INLETS, (ALL DEPTHS)	5.00	EA	mental control of the		0.00	0%	\$ 500.00	\$	-
11. REMOVAL AND DISPOSAL OF MANHOLES (ALL DEPTHS)	3.00	EA	1.00		1.00	33%	\$ 500.00	\$	500.00
12 REMOVAL AND DISPOSAL OF EXIST FENCE INCL. GATE STRUCTURES (ALL TYPES AND HEIGHTS)	1800.00	LF			0.00	0%	\$ 3.00	\$	**

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
13. REMOVE AND RELOCATE TRAFFIC SIGNS, MAIL BOXES, ROADWAY SIGNS	1.00	LS			0.00	0%	\$ 3,500.00	\$ -
14. TREE PROTECTION AND TRIMMING	1.00	LS			0.00	0%	\$ 100.00	\$ -
15. REMOVING AND DISPOSING OF EXIS ASPHALTIC SURFACE AND BASE								
MATERIAL	3973.00	SY		1986.50	1986.50	50%	\$ 5.00	\$ 9,932.50
16. VIDEO RECORDING CONSTRUCTION	1.00	LS		0.50	0.50	50%	\$ 1,250.00	\$ 625.00
WATER LINE ITEMS								
17. 8-INCH WATER LINE (OPEN CUT)	30.00	LF		30.00	30.00	100%	\$ 120.00	\$ 3,600.00
18. 8-INCH WATER LINE (TRENCHLESS CONSTRUCTION)	1385.00	LF		1385.00	1385.00	100%	\$ 120.00	\$ 166,200.00
19. 8-INCH CONNECTION	1.00	EA		1.00	1.00	100%	\$ 3,250.00	\$ 3,250.00
20. 12-INCH CONNECTION	1.00	EA		1.00	1.00	100%	\$ 3,500.00	\$ 3,500.00
21. 8-INCH GATE VALVE & BOX	2.00	EA		4.00	4.00	200%	\$ 2,000.00	\$ 8,000.00
22. 12-INCH GATE VALVE & BOX	2.00	EA		1.00	1.00	50%	\$ 3,250.00	\$ 3,250.00
23. FIRE HYDRANT- FLUSH VALVE ASSEMBLY (INCL. 6-INCH GATE VALVE AND LEAD)	2.00	EΑ		2.00	2.00	100%	\$ 5,000.00	\$ 10,000.00
24. NEAR SIDE SERVICE TAP AND WATE METER	R 20.00	EΑ			0.00	0%	\$ 500.00	\$ -
25. FAR SIDE SERVICE TAP AND WATER METER	20.00	EA			0.00	0%	\$ 750.00	\$ -
26. ABANDON AND REMOVE EXISTING 6-INCH WATER LINE	1390.00	LF			0.00	0%	\$ 5.00	\$ -
27. TRENCH SAFETY SYSTEMS	50.00	LF		50.00	50.00	100%	\$ 1.00	\$ 50.00
28. ADJUST SAN, SEWER MANHOLE	5.00	EA			0.00	0%	\$ 1,000.00	\$ -
29. RELOCATION OF SANITARY SEWER LEADS (2"- 4") W/ 6-INCH LEADS	31.00	EA	5.50	2.00	7.50	24%	\$ 600.00	\$ 4,500.00
STORM SEWER ITEMS				and the state of t				
30. TRENCH SAFETY SYSTEMS, 5'-10' DPTH., INSTALL. MAINTAIN TRENCHES	1492.00	LF	897.00	536.00	1433.00	96%	\$ 1.00	\$ 1,433.00

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%		UNIT PRICE		WORK TO DATE
31. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (24")	275.00	LF	2.00	26.00	28.00	10%	\$	115.00	\$	3,220.00
32. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (30")	406.00	LF	398.00		398.00	98%	\$	142.00	\$	56,516.00
33. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (36")	207.00	LF	204.00		204.00	99%	\$	190.00	\$	38,760.00
34. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (42")	109.00	LF	105.00		105.00	96%	\$	235.00	\$	24,675.00
35. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (48")	495.00	LF	60.00	426.00	486.00	98%	\$	275.00	\$	133,650.00
36. PRECAST CONCRETE STANDARD MANHOLE FOR 42-IN, DIA, AND SMALLE SEWERS	R 6.00	EA	4.00		4.00	67%	\$	3,250.00	\$	13,000.00
37. PRECAST CONCRETE STANDARD MANHOLE FOR 48-IN. TO 72-IN. DIA. SEWERS	3.00	EA	1.00	2.00	3.00	100%	\$	4,000.00	\$	12,000.00
38. TYPE "C" MODIFIED INLET	3.00	EA	1.00	1.00	2.00	67%	\$	5,000.00	\$	10,000.00
39. TYPE "C-1" INLET	10.00	EA	1.00	1.00	2.00	20%	\$	3,400.00	\$	6,800.00
40. TYPE "C-2" INLET	2.00	EA			0.00	0%	\$	3,750.00	\$	-
41. REINFORCED CONCRETE SLOPE PAVING (INCLUDING CEMENT STAB. SAND BEDDING)	100.00	SY			0.00	0%	\$	80.00	\$	
42. CCTV INSPECTION OF STM. SEWER	1.00	LS			0.00	0%	\$	4,500.00	\$	-
PAVEMENT ITEMS							NAME AND ADDRESS OF THE PARTY O			
43. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH (FOR CONCE PAVEMENT AND CONCRETE DRIVEWAY	The state of the s	SY			0.00	0%	\$	3.00	\$	Territoria de la composito de
44. HYDRATED LIME (SLURRY APPLIED FOR STABILIZATION	226.00	TON	WANTED AND THE PROPERTY		0.00	0%	\$	185.00	69	The control of the co
45. REINFORCED CONCRETE PAVEMENT 8" DEPTH	5200.00	SY			0.00	0%	\$	66.00	\$	
46. REINFORCED CONCRETE PAVEMEN HIGH EARLY STRENGTH - 8" DEPTH	360.00	SY			0.00	0%	\$	70.00	\$	

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
47. REINFORCED CONCRETE PAVEMEN HIGH EARLY STRENGTH - 8" DEPTH FOR DRIVEWAYS		SY			0.00	0%	\$ 62.50	\$ 
48. CONCRETE CURB INSTALL 6-INCH CONCRETE CURB	2000.00	LF			0.00	0%	\$ 3.00	\$
49. 6" CONCRETE CURB DOWELED ON EXISTING PAVEMENT	100.00	LF			0.00	0%	\$ 8.00	\$
50. 7" AND GREATER CONCRETE CURB (LOW PROFILE RETAINING WALL)	200.00	LF			0.00	0%	\$ 50.00	\$ -
51. 4-1/2" CONCRETE SIDEWALK	1175.00	SY			0.00	0%	\$ 58.00	\$ -
52. CONCRETE ADA RAMP ( ALL TYPES INCLUDING TRUNCATED DOMES)	50.00	SY			0.00	0%	\$ 120.00	\$ The second secon
53. FENCE INCLUDING GATE STRUCTUR (ALL TYPES, HEIGHTS, GATES, SLIDING GATES AND ORNAMENTAL FENCING)	n	LF			0.00	0%	\$ 10.00	\$
54. INSTALL NEW RESIDENTIAL AND COMMERCIAL MAIL BOXES (ALL TYPES AND HEIGHTS)	40.00	EA			0.00	0%	\$ 75.00	\$ -
TRAFFIC CONTROL ITEMS								
55. WORK ZONE PAVEMENT MARKINGS (YELLOW BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	300.00	EA		123.00	123.00	41%	\$ 4.00	\$ 492.00
56. WORK ZONE PAVEMENT MARKINGS WHITE BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	300.00	EA		122.00	122.00	41%	\$ 4.00	\$ 488.00
57. WORK ZONE PAVEMENT MARKINGS (TY I-C) FURNISHED, APPLIED AND REMOVED	100.00	EA		47.00	47.00	47%	\$ 6.00	\$ 282.00
58. WORK ZONE PAVEMENT MARKINGS (TYPE I-A) FIRNISHED, APPLIED AND REMOVED	100.00	EA		44.00	44.00	44%	\$ 6.00	\$ 264.00
59. TEMPORARY COMMERCIAL DRIVE- WAYS - FURNISH, INSTALL & REMOVE	9.00	EA	7.00	2.00	9.00	100%	\$ 800.00	\$ 7,200.00
60. TEMPORARY RESIDENTIAL DRIVE- WAYS - FURNISH, INSTALL & REMOVE	25.00	EA	5.00	1.00	6.00	24%	\$ 600.00	\$ 3,600.00

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE		WORK TO DATE
61. TRAFFIC CONTROL - FURNISH, INST & REMOVE	ALL 10.00	МО	1.00	4.00	5.00	50%	\$ 3,000.00	\$	15,000.00
62. TRAFFIC CONTROL - FURNISH, INST & REMOVE PORTABLE CHANGEABLE MESSAGE SIGNS (TWO SIGNS) FOR ADVANCE WARNING AND TRAFFIC DIRECTION SWITCH	ALL 1.00	МО		0.50	0.50	50%	\$ 5,000.00	<b>\$</b>	2,500.00
63. CONSTRUCTING DETOURS FOR TW WAY TRAFFIC (8" BLACK BASE) FOR INSTALLING, MAINTAINING & REMOVAL		SY		756.11	756.11	31%	\$ 5.00	\$	3,780.55
64 LOW PROFILE CONCRETE BARRIER (FURNISH AND INSTALL)	1064.00	LF		1064.00	1064.00	100%	\$ 25.00	69	26,600.00
65. LOW PROFILE CONCRETE BARRIER (REMOVE)	1064.00	LF			0.00	0%	\$ 15.00	\$	~
SIGNING AND STRIPING ITEMS  66. ALUMINUM SIGNS (GROUND MOUNT FURNISH AND INSTALL  67. REFLECTORIZED PAVEMENT MARKI	12.00	EΑ			0.00	0%	\$ 375.00	69	-
TYPE I (THERMOPLASTIC) 4" YELLOW DASHED - FURNISH & APPLIED (15' OVE 40')		LF			0.00	0%	\$ 2.00	\$	-
68. REFLECTORIZED PAVEMENT MARKI TYPE I (THERMOPLASTIC) 8" WHITE SOLID - FURNISH & APPLIED	NGS 200.00	LF			0.00	0%	\$ 4.00	\$	
69. REFLECTORIZED PAVEMENT MARKI TYPE I (THERMOPLASTIC) 4" YELLOW SOLID - FURNISH & APPLIED	NGS 3140.00	LF			0.00	0%	\$ 1.00	\$	
70. REFLECTORIZED PAVEMENT MARKI TYPE I (THERMOPLASTIC) 24" WHITE SOLID - FURNISH & APPLIED	NGS 300.00	LF			0.00	0%	\$ 12.00	\$	-
71. 12" YELLOW CURB PAINT FOR MEDIANS	500.00	LF			0.00	0%	\$ 4.00	\$	-
72. REFLECTORIZED PAVEMENT MARKII TYPE I (THERMOPLASTIC) SINGLE ARRO LEFT - FURNISH & APPLIED		EA			0.00	0%	\$ 125.00	\$	-

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE		WORK TO DATE
73. REFLECTORIZED PAVEMENT MARKI TYPE I (THERMOPLASTIC) WORD "ONLY									
FURNISH & APPLIED	2.00	EA			0.00	0%	\$ 175.00	\$	en e
74. NON-RELECTORIZED PAVEMENT MARKERS FURNISH AND INSTALL	200.00	EΑ			0.00	0%	\$ 4.00	\$	To control production and the control production
75. REFLECTORIZED PAVEMENT MARKS TYPE I-C FURNISH AND INSTALL	RS 80.00	EΑ			0.00	0%	\$ 5.00	\$	-
76. REFLECTORIZED PAVEMENT MARKI TYPE II-A-A FURNISH AND INSTALL	ERS 160.00	EA			0.00	0%	\$ 6.00	\$	-
77. REFLECTORIZED PAVEMENT MARKI TYPE II-B-B FURNISH AND INSTALL	ERS 2.00	EA			0.00	0%	\$ 12.00	\$	_
STORM WATER POLLUTION PREVENTION PLAN ITEMS									
78. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS), C.I.P.	3930.00	SY			0.00	0%	\$ 4.50	\$	-
79. HYDROMULCH SEEDING	0.95	AC			0.00	0%	\$ 1,750.00	\$	-
80. TPDES PERMIT NO. TXR 150000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE & FORT BEND COUNTY'S NOI FEE, EACH FEE SHALL BE SET AT \$325.00)	S.	EA			0.00	0%	\$ 325.00	\$	-
81. REINFORCED FILTER FABRIC BARR (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	POOL	LF		2030.00	2030.00	100%	\$ 2.25	69	4,567.50
82. INLET PROTECTION BARRIER (STAC 1. WITH REINFORCED FILTER FABRIC FENCE - 60% OF UNIT COST FOR FURN AND INSTALLATION AND 40% OF UNIT	Constitution of the consti		ZTRIJI CIRCLE CARROLL						
COST FOR REMOVAL)	20.00	EA			0.00	0%	\$ 125.00	\$	-
83, STABILIZED CONSTRUCTION ACCES (TYPE 1 ROCK, 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)		SY		230.00	230.00	50%	\$ 10.00	8	2,300.00
84. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, 40% UNIT COST FOR REMOVAL)	*	LS	nd-wearing accounts and an advantage and a second account and a second account and a second account and a second account a se		0.00	0%	\$ 750.00	\$	The second secon

DESCRIPTION	QUANTITY	UNIT	THIS	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
85. INLET PROTECTION BARRIER (FOR STAGE II INLETS, GRAVEL BAGS, 60% OF UNIT COST FOR FURNISH AND INSTALLATION, 40% OF UNIT COST FOR					Maria de la companio	,	T 1 5 5 50 Sec.	TO DATE
REMOVAL)	20.00	EA		4.00	4.00	20%	\$ 125.00	\$ 500.00
86. SWPPP INSPECTION AND MAINTENA (MIN. BID REQUIRED)	10.00	МО	1.00	4.00	5.00	50%	\$ 500.00	\$ 2,500.00
EXTRA UNIT ITEMS								
87. 6-INCH NON-REINFORCED SEAL SLAB	100.00	SY			0.00	0%	\$ 1.00	\$ 
88. WELL POINTING SYSTEM WELL POINTING (MIN. BID \$15.00)	500.00	LF			0.00	0%	\$ 15.00	\$ -
89. CONSTRUCTION SAFETY FENCE	1000.00	LF			0.00	0%	\$ 1.50	\$ **
90. MAINTENANCE AND CLEANUP OF THE PROJECT SITE INCLUDING MOWIN	10.00	MO	1.00	4.00	5.00	50%	\$ 100.00	\$ 500.00
91. UNIFORM PEACE OFFICER (MIN. \$25. BID)	.00 866.00	HR		9.00	9.00	1%	\$ 25.00	\$ 225.00
	The second secon							
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TOTAL WORK TO DATE								\$ 723,659.35

CONTRACT TIME:

300 CALENDAR DAYS

CONTRACT DATE:

3/16/2018

WORK ORDER DATE:

5/14/2018

CONTRACT AMOUNT:	\$ 1,815,430.50
CHANGE ORDER:	
REVISED CONTRACT AMOUNT	\$ 1,815,430.50
TOTAL WORK TO DATE:	\$ 723,659.35
MATERIALS ON SITE:	\$ -
TOTAL:	\$ 723,659.35
LESS RETAINAGE:	\$ 72,365.94
LESS PREVIOUS PAYMENTS:	\$ 471,313.21
LESS MISCELLANEOUS:	\$ -
AMOUNT DUE FOR PAYMENT:	\$ 179,980.20

APPROVAL:

JAMES R. BOLIN

CONRAD CONSTRUCTION CO.,LTD.